

MOROZOV, Ye.F; SAVINYKH, A.G.

Hydrolytic apparatus with a 30-cubic-meter capacity. Gidroliz.i
lesokhim.prom. 9 no.5:21 '56. (MLRA 9:11)

1. Khakasskiy gidroliznyy zavod.
(Hydrolysis)

SAVINYKH, A. G.

✓ The determination of the type of organic material in rocks by the method of luminescent bituminological analysis. O. A. Radchenko and A. G. Savinykh. *Proc. Acad. Sci. U.S.S.R., Ser. Gechem.* 108, 33-6 (1950) (English translation); *Doklady Akad. Nauk S.S.S.R.* 108, 503-6 (1950).—A study was made on the effect of metamorphism and weathering on the luminescent characteristics of combustible minerals of various types. Investigation of a series of humic coals from lignites to anthracites, showed a change in the luminescent properties of capillary exts. obtained from coals of different origin and degrees of metamorphism, and its dependence on the latter for all the 4 solvents studied, namely, petr. ether, C_6H_6 , $CHCl_3$, and alc. C_6H_6 . Graphical representation of the intensity of luminescence showed that coals of a higher degree of metamorphism gave a curve called the "petroleum curve," having the max. intensity with the $CHCl_3$ ext. The point of discontinuity corresponded to the PZh-K stages of metamorphism. Oxidized petroleum bitumens and huminokarites were characterized by capillary exts. which luminesce with dark-brown tones and by the presence of humic acids. Similar data were obtained for badly weathered coals and even for anthracite. These results showed that the luminescent bituminological analytical methods were applicable only within the following limits: for humic coal material up to the stage corresponding to coking coal, for bitumens to the stage of the highest kerites; for badly weathered combustible minerals, the methods were not applicable. S. Souricajan.

EE gr omf

RADCHENKO, O.A.; SAVINYKH, A.G.

Determination of type of organic matter in rocks by luminescent-bituminological analysis. Dokl.AN SSSR 108 no.3:503-508 My '56.
(MLRA 9:8)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut. Predstavleno akademikom D.V. Nalivkinym.
(Luminescence) (Bitumen)

SAVINYKH, A.G.; IVANOVA, M.A.

Improvement in the removal of neutralized fraction from slime.
Gidroliz. i lesokhim. prom. 14 no.8:17-18 '61. (MIRA 16:11)

1. Khakasskiy gidroliznyy zavod.

SAVINYKH, A. G.

Prof.

"Transabdominal Mediastinotomy and Its Practical Significance," 1942

Tomsk State Med. Inst.

SAVINYKH, A.G.

"New Methods in Hospital Intervention for Pathology of Organs of the Mediastinum Diaphragm!"

A.G.Savinykh.

SC: Trudy Plenuma Uchen.Med.Soveta, M-va. Zdravookhraneniya, RSFSR, v.g. Tomsk Tomsk, 1947,
pp. 23-34

SAVINYKH, A. G. PROF

PA 34/49T38

USSR/Medicine - Diaphragm, Surgery
Medicine - Surgery

Jul 48

"Diaphragmotomy - Literary Sources and Clinical
Experiments Conducted by Professor K. P. Sapozhkov
(Reply to Professor K. P. Sapozhkov)," Prof. A. G.
Savinykh, 4 pp

"Khirurgiya" No 7

Savinykh defends himself against Sapozhkov's
charges (see 34/49T37). (Editor decides that
Sapozhkov was first in USSR to propose diaphrag-
motomy as method of dealing with malignant tumors.
However, his case against Savinykh is unsound,

34/49T38

SAVINYKH, A. G.

"Treatment of Pulmonary Emphysema by Cross-Cutting the Diaphragm," Klin. med.,
26, No.7, 1948

SAVINYKH, A. G.

~~Pavlov's scientific inheritance and its significance in surgery.~~
Khirurgia, Moskva no.7:3-8 July 1951. (CML 21:1)

1. Tomsk.

SAVINYKH, A. G.

Esophagus - Surgery

Use of small intestine in extrapleural plastic surgery of the esophagus. Khirurgia no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

SAVINYKH, A.G.; ROGACHEVA, V.S.

Scar strictures of the esophagus following chemical burns and
methods of their therapy. Khirurgiia, Moskva no. 8:62-66 Aug.
1952. (CML 23:3)

1. Professor for Savinykh; Candidate Medical Sciences for Rogacheva.
2. Tomsk.

SAVINYKH, A.G.
SEREBRYAKOVA, A.G., dotsent; SAVINYKH, A.G., professor, zasluzhennyy deyatel' nauki, direktor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.

Diagnosis of ulcers of the cardial region. Khirurgiia no.4:65-73 Ap '53.
(MLRA 6:6)

1. Gosspital'naya khirurgicheskaya klinika Tomskogo meditsinskogo instituta imeni V.M. Molotova. 2. Akademiya meditsinskikh nauk SSSR (for Savinykh).
(Alimentary canal--Ulcers)

SAVINYKH, A.G., professor

Our method of surgery of the esophagus and the stomach as an important condition in healing of wounds of the mucous membranes.
Khirurgiia no.3:22-26 Mr '54. (MLRA 7:5)

1. Daystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(ESOPHAGUS, surgery,
posterior mediastinal approach)
(STOMACH, surgery,
posterior mediastinal approach)

SAVINYKH, A. G.

Summaries of papers presented at the XXVI Congress of Surgeons of the USSR, Moscow, 20 - 27 January 1955, included:

Anaesthesia of the Thoracic Organs in Thoracic Operations.

A. G. SAVINYKH

SOURCE: ~~SECRET~~ -A-46013 (Official Publication) Unclassified.

SAVINYKH, A.G., professor (Tomsk)

- Radical surgery in the treatment of gastric cancer. Vest.khir.
76 no.10:3-16 N '55. (MLRA 9:1)

1. Deystvitel'nyy chlen AMN SSSR
(STOMACH, neoplasms
surg., radical)

SAVINYKH, A.G., professor (Tomsk, ul. Timiryazeva, d. 35. Gosptal'naya
khirurgicheskaya klinika.)

Resection, metastases and recurrence of cancer of the cardia [with
summary in English]. Vop. onk. 3 no.1:3-9 '57 (MLRA 10:4)

1. Deystvitel'nyy chlen AMN SSSR.

(STOMACH NEOPLASMS, surg.

postop. recurrence & metastases of cancer of cardia)

SAVINYKH. A.G., professor (Tombak)

Excision of cardiac cancer; immediate and late results. Vest.AMN
SSSR 12 no.2:39-44 '57. (MIRA 10:10)

1. Daystvital'nyy shlen AMN SSSR
(STOMACH NEOPLASMS, surg.
cardial cancer excis., follow-up)
(GASTRECTOMY, in various dis.
cancer of cardia, follow-up)

SAVINYKH, A.G.

U-4

USSR/General Problems of Pathology - Tumors

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32672

Author : Savinykh A.G.

Inst : Not Given

Title : Cancer of the Cardia, Its Surgical Treatment and Remote Results.

Orig Pub : Bull. Soc. internat. chirurg., 1957, 16, No 4, 368-369

Abstract : Under observation were 1271 patients with cancer of the cardia (CC) or lower part of the intestine. Of 526 patients, total resection of stomach (TRS) occurred in 155 (29.4%), with a lethal result in 65 (42%). Of 745 patients, TRS with resection of the lower part of the intestine was done in 267 (36%) patients, with lethal results in 15 (5.6%) patients. Remote results of the operations with CC were observed in 226 patients. 30% survived a 3-year period, 19.8% a 5-year period and three patients more than 10 years. Metastasis was noted 3 times more often than relapses. Metastasis in the liver was noted in 35% of cases; in the pancreas, in 14% of

Cord : 1/2

Cardia. Mbr. AMS USSR

USSR/General Problems of Pathology - Tumors

USSR/General Problems of Pathology - Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32672

cases. After TRS they observed: strengthening of the motor functioning of the intestine, a drop in the excretory and secretory function of the pancreas, occasional anemia and an insufficiency of vitamin B₁₂. In connection with patients undergoing operation, blood transfusions and a vitamin B₁₂, pancreatine and protein-carbohydrate diet are recommended.

Card : 2/2

SAVINYKH, A.G., professor (TomsK)

Creation of anastomosis with the esophagus [with summary in English].
Khirurgiia 33 no.5:33-37 My '57. (MIRA 10:8)

1. Deystvitel'nyy chlen AMN SSSR
(ESOPHAGUS, neoplasms
surg., esophageal-stomach anastomosis (Rus))

SAVINYKH, A.G., prof. (Tomsk)

Operative treatment of cancer of the cardia and the lower portion of the esophagus [with summary in English]. Khirurgia 33 no.10:46-54 (MIRA 11:2) 0 '57.

1. Deystvitel'nyy chlen AMN SSSR
(STOMACH NEOPLASMS, surg.
cardial, gastro-esophageal anastomosis (Rus))
(ESOPHAGUS, neoplasms
lower esophagus, gastro-esophageal anastomosis (Rus))

SAVINYKH, A.G.; ROGACHEVA, V.S.

Removal of an esophageal cancer. Grud.khir. 1 no.1:92-97
Ja-F '59. (MIRA 13:6)

1. Iz gosspital'noy khirurgicheskoy kliniki Tomskogo meditsin-
skogo instituta. Adres avtorov: Tomsk, prospekt imeni Timirya-
zeva, 35.

(ESOPHAGUS--CANCER)

SAVINYKH, A.G., prof.; MASYUKOVA, Ye.M., dotsent

Problem of the clinical aspects and surgical treatment of cancer
of the cardia. Khirurgiia 36 no.10:43-46 0 '60. (MIRA 13:11)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. A.G.
Savinykh) Tomskogo meditsinskogo instituta.
(STOMACH--CANCER)

SAVINYKH, A.G., prof. (Tomsk)

History of the development of surgery for cancer of the cardia
in U.S.S.R. Vest.khir. no.10:82-86 '61. (MIRA 14:10)
(STOMACH—CANCER)

SAVINYKH, A.G. (Tomsk)

Thirty years of experience with surgical treatment of cancer of the
cardia. Vop.onk. no.637-10 '62. (MIRA 15:11)
(~~STOMACH-CANCER~~) (STOMACH-SURGERY)

GLAZMAN, B.A.; SAVINYKH, A.G.; GLADKOVA, A.A.; LYUKHANOV, O.F.; KUNDIN, V.M.;
MERTINS, I.P.

Automation of hydrolysis processes. Gidroliz. i lesokhim. prom.
17 no.7:25-28 '64. (MIRA 17:11)

1. Krasnodarskiy gidroliznyy zavod (for Glazman, Savinykh, Gladkova,
Lyukhanov). 2. Proyektno-konstruktorskoye byuro Severo-Kavkazskogo
soveta narodnogo khozyaystva (for Kundin, Mertins).

10997-66

ACC NR: AP6001978

SOURCE CODE: UR/0105/65/000/003/0090/0091

AUTHOR: Neporozhniy, P. S.; Finogenov, Ya. I.; Lavrenenko, K. D.; Veselov, N. D.; Savinykh, A. I.; Sapozhnikov, F. V.; Serdyukov, N. P.; Chuprakov, N. M.; Nekrasov, A. M.; Borovoy, A. A.; Kotilevskiy, D. G.; Steklov, V. Yu.; Kulebakin, V. S.; Bogdanov, N. P.

ORG: none

TITLE: Petr Ivanovich Voyevodin

SOURCE: Elektrichestvo, no. 3, 1965, 90-91

TOPIC TAGS: electric engineering personnel, political personnel

ABSTRACT: P. I. VOYEVODIN died on 25 November 1964; one of the oldest bolshevik-Leninists, he was a member of the CPSU already in 1899. He fought in the early battles of the revolution, was imprisoned and sent to Siberia in 1905. After the October Revolution he became an economic adviser to Lenin on matters pertaining to Siberia and the entire Soviet Union as well. He was active in planning and organizing GOELRO. In 1921 he was assigned to set up the new Russian cinema industry, later he turned to the problems of electrification: spreading Lenin's ideas, publishing books and periodicals on the subject. He was the first Soviet editor of "Elektrichestvo" and then the editor of "Elektrifikatsiya." He partici-

Card 1/2

UDC: 621.311

L 10997-66

ACC NR: AP6001978

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parted in the International Power Conferences in Berlin 1930 and in Belgrade
1956. His entire life was devoted to faithful service in the interests of
the Communist Party; in 1964 he was duly awarded the Order of Lenin and
was named a Hero of Socialist Labor. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 05, 09 / SUBM DATE: none

PC
Card 2/2

UGORETS, I.I.; LAVRENENKO, K.D.; BONDAREV, N.M.; PLATONOV, N.A.;
ACHKASOV, D.I.; MKHITARYAN, S.G.; SAVINYKH, A.I.; MALYUTIN, I.P.
VLADIMIROV, P.N.; MOSKOVSKIY, F.A.; GEL'FAND, M.Z.; KARAVAY, N.M.
BESPROZVANNYY, I.A.; KIKINA, M.I.; TRETHIKOVA, Ye.M.

Nikolai Nikolaevich Romanov; obituary. Elek.sta. 27 no.4:63 Ap '56.
(MLRA 9:8)

(Romanov, Nikolai Nikolaevich, 1906-1956)

NEPOROZHNIY, P.S.; FINOGENOV, Ya.I.; LAVRENENKO, K.D.; VESELOV, N.D.;
SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDYUKOV, N.P.; CHUPRAKOV, N.M.;
NEKRASOV, A.M.; BOROVOY, A.A.; KOTILEVSKIY, D.G.; STEKLOV, V.Yu.;
KULEBAKIN, V.S.; BOGDANOV, N.P.

Petr Ivanovich Voevodin, d. 1964; obituary. Elektrichestvo no.3:
90-91 Mr '65. (MIRA 18:6)

AVTONOMOV, B.V.; BONDAREV, I.I.; BORISENKO, P.I.; BURLAKA, S.A.; VESELOV,
N.D.; ZUBANOV, K.V.; KLIMENKO, G.A.; KOTILEVSKIY, D.G.; KUDISH,
A.D.; LAVRENEENKO, K.D.; MALYUTIN, N.P.; MARINOV, A.M.;
MOLOKANOV, S.I.; PLOGATTREV, A.A.; POBEGAYLO, K.M.; POGAYEVSKIY,
V.L.; SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDYUKOV, N.P.;
FINOGENOV, Ya.I.; CHALDRANYAN, V.P.; CHULKOV, Ye.I.; SHANIN, V.P.;
SHISHOV, V.V.

Ivan Konstantinovich Khivrenko; obituary. Elek.sta. 34 no.2:96
F '63. (MIRA 16:4)

(Khivrenko, Ivan Konstantinovich, 1899-1962)

SAVINYKH, A.M. (Yoshkar-Ora)

Kapitolina Nikolaevna Ryzhkova. Med.sestra 17 no.2:35 F '58.
(MIRA 11:3)

(RYZHKOVA, KAPITOLINA NIKOLAEVNA)

L 29166-66

ACC NR: AP6018890

SOURCE CODE: UR/0104/65/000/011/0094/0094

AUTHOR: Neporozhniy, P. S.; Savinykh, A. P.; Sapozhnikov, F. V.; Serdyukov, N. P.; Achkasov, D. I.; Burgsdorf, V. V.; Memov, N. P.; Syromyatnikov, I. A.; Knyazevskiy, B. A.; Rokotyan, S. S.; Steklov, V. Yu.; Fedoseyev, A. M.; Grudinskiy, P. S.; Khomyakov, M. V.; Venikov, V. A.; Chernobrovov, N. V.; Mel'nikov, N. A.; Bershadskiy, L. S. 21
B

ORG: none

TITLE: Honoring the 60th birthday of Aleksandr Dmitriyevich Romanov

SOURCE: Elektricheskkiye stantsii, no. 11, 1965, 94

TOPIC TAGS: electric power plant, industrial personnel

ABSTRACT: In July 1965 A. D. Romanov celebrated his 60th birthday and the 35th anniversary of his active life as a major designer, operator, and builder of electric power stations. On his graduation in 1927 from the Moscow College of Engineering, Aleksandr Dmitriyevich joined the Mosenergo Moscow Power System where he steadily rose through the ranks until he became Deputy Chief Engineer, while at the same time participating in the design and practical introduction of 500-kV electric transmission lines running from Moscow to Volzhskaya Hydroelectric Power Station and from Kuybyshev to the Urals. Since 1959 A. D. Romanov has been Chief Engineer at the Glavvostokelektroset'stroy Main Administration for Power Grid Construction in Eastern USSR of the Card 1/2

ACC NR: AP6018890

State Production Committee for Energetics and Electrification USSR. Along with his active work, since 1930 A. D. Romanov has been teaching courses in Power Networks and Systems as well as in Power Stations and Substations at the Moscow Correspondence Institute of Energetics and, later, at the All-Union Correspondence Institute of Energetics, and, in this capacity, has trained new cadres of power engineers. In 1957 the title of Assistant Professor was conferred on him and in 1963, the title of Candidate of Technical Sciences. He has published more than 40 scientific and technical articles on power engineering and construction and he is a member of the editorial boards of the periodic anthologies Energeticheskoye Stroitel'stvo (Power Construction) and Energeticheskoye Stroitel'stvo za Rubezhom (Power Construction Abroad). He has been a Party member since 1932 and is the bearer of the Order of Labor Red Banner as well as of various medals. Best wishes for further creative work are extended to him. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 10 / SUBM DATE: none

Card 2/2 CC

USSR / Cultivated Plants. Fruit Trees. Small Fruit M
Plants. Nut Trees. Tea.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25034

Author : Biryukov, M. P.; Savinykh, G. M.
Inst : State Public Library im. V. G. Belinskiy
Title : Horticulture in the Urals. Index of
Literature

Orig Pub : Gos. publichn. b-ka im. V. G. Belinskogo,
Sverdlovsk, 1957 (1958), 147 pp., 3 drawings

Abstract : No abstract given

Card 1/1

SAVINYKH, G. S.

Mydriatic effect of phenamine. Vest. oft., Moskva 30 no. 4:35-
37 July-Aug. 1951 (CML 21:3)

1. Of the Department of Ophthalmology (Head -- Prof. B. L. Polyak),
Military Medical Academy imeni S. M. Kirov.

SAVINYKH, G.S.

Effect of phenamin on intraocular pressure in glaucoma. Vest. oft.,
Moskva 32 no.4:6-7 July-Aug 1953. (CIME 25:1)

1. Of the Scientific-Research Institute of Eye Diseases imeni Gel'mgol'ts.

SAVINYKH, G.S., kandidat meditsinskikh nauk

Effect of fenamin on the visual acuity of the normal eye. Vest.oft.
69 no.5:68-72 S-0 '56. (MIRA 9:12)

1. Iz glaznoy kliniki (dir. - prof. P.Ye.Tikhomirov) Leningradskogo
sanitarno-gigiyenicheskogo meditsinskogo instituta.

(ACETOPHENETIDIN, derivatives

aminoacetophenetidin, eff. on normal visual acuity)

(VISION

acuity, eff. of aminoacetophenetidin)

~~SAVINYKH, G.S.~~ podpolkovnik med.sluzhby, kand.med.nauk

Synthomycin injections in treating trachoma. Voen.med.zhur. no.
12:80 D'57 (MIRA 11:5)

(CHLOROMYCETIN)

(CONJUNCTIVITIS, GRANULAR)

SAVINYKH, G.S., kand.med.nauk

Ophthalmomyiasis. Med. zhur. Uzb. no.5:74-75 My '61. (MIRA 14:6)

1. Iz glaznoy kliniki (direktor - prof. P.Ye. Tikhomirov) Leningrad-
skogo gosudarstvennogo sanitarno-gigiyenicheskogo meditsinskogo
instituta.

(EYE PARASITES)

(FLIES AS CARRIERS OF DISEASE)

SAVINYKH, L.M.

X-ray diagnosis of mesenteric tumors of the small intestine and mesoadenites of various etiology [with summary in English]. Vest. rent. i rad. 33 no.2:24-28 Mr-Apr '58. (MIRA 11:6)

1. Iz rentgenologicheskogo otdeleniya (zav. L.A.Dunayeva) Tashent-skogo respublikanskogo onkologicheskogo dispansera (glavnyy vrach Z.R.Rakhimov; nauchnyy rukovoditel' - dotsent B.N.Kalmykov)

(INTESTINE, SMALL, neoplasms

mesenteric, x-ray diag. (Rus))

(MESENTERIES, neoplasms

small intestine, x-ray diag. (Rus))

SAVINYKH, L.M.

Two cases of large diverticula of the esophagus in the pectoral
section. Med.zhur.Uzb. no.6:77-78 Je '58. (MIRA 13:6)

1. Iz rentgenovskogo otdeleniya (zav. - L.A. Dunayeva) Respubli-
kanskogo onkologicheskogo dispansera UzSSR.
(ESOPHAGUS--DISEASES)

SAVINYKH, L.M.

Lesions of the small intestine in lymphogranulomatosis. Vest. rent.
i rad. 36 no.4:77-78 J1-Ag '61. (MIRA 15:2)

1. Iz rentgenovskogo otdeleniya (zav. L.A.Dunayeva) Tashkentskogo
respublikanskogo onkologicheskogo dispansera (glavnyy vrach Z.R.
Rakhimov). (HODGKIN'S DISEASE) (INTESTINES__TUMORS)

SAVINYKH, L.M.

X-ray observation of intrathoracic neurinomas. Med. zhur. Uzb.
no.10:26-27 '61. (MIRA 14:10)

1. Iz rentgenologicheskogo otdeleniya Respublikanskogo onkologicheskogo dispansera (glavnyy vrach - Z.R. Rakhimov).
(NERVES--RADIOGRAPHY) (NERVES--TUMORS)

SAVINYKH, L.M.

X-ray diagnosis of lesions of the small intestine in lymphogranulomatosis. Med. zhur. Uzb. no.12:77 D '61. (MIRA 15:2)

1. Iz rentgenologicheskogo otdeleniya Respublikanskogo onkologicheskogo dispansera (glavnyy vrach - Z.R.Rakhimov, nauchnyy rukovoditel' - prof. D.M. Abdurasulov).
(DIAGNOSIS, RADIOSCOPIC) (LYMPHOGRANULOMATOSIS)
(INTESTINES_DISEASES)

KOLPAKOV, F.I.; SAVINYKH, N.M.

Significance of medical examination rooms and gynecological consultations in the detection of gonorrhea in women [with summary in English]. Vest.derm. i ven. 31 no.6:47-50 N-D '57. (MIRA 11:3)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera.
(GONORRHEA, diag.
gyn. exam., statist. in women)

KOLPAKOV, F.I.; SAVINYKH, N.M.

Experience in active detection of gonorrhea in women. Vest.derm.i
ven. 33 no.4:60-64 J1-Ag '59. (MIRA 12:11)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera
(glavnyy vrach F.I. Kolpakov) i kafedry kozhnykh i venericheskikh
bolezney (zav. - prof. A.K. Yakubson) Novosibirskogo meditsinskogo
instituta.

(GONORRHEA, diagnosis)

SAVINYKH, P.K.

The quality of pyroligneous powder must be improved. Gidroliz. i lesokhim.
prom. 8 no.4:26-27 '55. (MIRA 8:9)

1. Nachal'nik laboratorii i Otdel tekhnicheskogo kontrolya Dmitriyev-
skogo lesokhimicheskogo zavoda. (Pyroligneous acid)

SAVINYKH, V.K., kand.tekhn.nauk; KHOKHLOV, V.A., inzh.

Mechanization of the construction of snow walls for road protection.
Avt.dor. 25 no.1:22-23 Ja '62. (MIRA 15:2)
(Novosibirsk Province--Snow fences)

SAVINYKH, V.K., kand.tekhn.nauk; KHOZHLOV, V.A., inzh.

Machine for erecting snow fences with wide gaps. Avt.dor. 25
no.3:3 of cover Mr '62. (MIRA 15:3)
(Snow fences)

SAVINYKH, V. M.

Chuck with an automatic clamp. Mashinostroitel' no.10:17
0 '62. (MIRA 15:10)

(Chucks)

SAVINIKH, V.N.

Special aspects of the structure of the mucous membrane of Lieutaud's triangle in gynecological patients suffering from dysuria with unchanged urine. Urol. i nefr. no.2: 43-47 '65. (MIRA 19:1)

1. Akushersko-ginekologicheskaya klinika (zav. = prof. A.M. Mazhbis) Novokuznetskogo instituta usovershenstvovaniya vrachey.

SAVINYKH, V.P.

(2)

Journal of the Institute of Metals
Vol. 21 Part 7
Mar. 1954
Properties of Alloys

Influence of Plastic Deformation on Subsequent Decomposition in the Aluminium Alloys Al-Si and Al-Mg-Si. N.S. Bunin and V. P. Savinykh (*Doklady Akad. Nauk S.S.S.R.*, 1953, 88, (2), 257-259).—[In Russian]. The specimens ($4.5 \times 4.5 \times 15$ mm. bars or $2 \times 2 \times 50$ mm. rods) were soln.-treated at 530°C ., quenched, and etched. The bars were then compressed, and the rods stretched, by amounts from a few per cent. to 20%. After ageing at 100° – 260°C . for periods of from 20 min. to a few hr. (usually under conditions selected to correspond with a point on the rising part of the hardness/time curve for that temp.), the oxide films were removed from the specimens and examined by the electron microscope. Plastic deformation of Al-Si alloys accelerated decompn., there being 2-3 times more precipitated particles with deformed specimens than there were with undeformed. In the deformed specimens, the decompn. also proceeded more uniformly, both in separate crystallites and the whole

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(In Russian)

Inst. Physics of Metals, Ural Branch AS USSR

was obtained. Decompn. inside the specimens was more disperse, and the resulting particles had a more regular form (cryst.) than in the case of surface layers, but the distribution of particles was similar. There was no preferential decompn. in the direction of the slip lines. It was concluded that the residual stress in the alloys tested is distributed throughout the vol. of the alloy without appreciable localization in the zones of slip. Possibly the deformation is also uniformly distributed, as suggested by Wilsdorf and Kuhlmann-Wilsdorf (*Naturwiss.*, 1951, 38, 502; *M.A.*, 20, 1005), but with the oxide-film method only isolated groups of slip marks are observed (as a rule only in one direction). This may arise from the method having low resolution for slip, owing to the film incorporating both the specimen surface and the accumulated oxide layers upon it. The conclusion that plastic deformation accelerates decompn. by increasing the number of centres and not by altering the diffusion coeff. is in agreement with the work of Gayler (*J. Inst. Metals*, 1946, 72, 543; *M.A.*, 14, 248).—G. V. E. T.

YERSHOV, A.B.; SHAREVSKAYA, Ye.Ye; KOTREKHOVA, A.I.; YUR'YEV, A.I.; SAVINYKH, Ye.A.; GRINSHTEYN, I.M.

Horizontal percolation permits an increase in alcohol production.
Gidroliz. i lesokhim.prom.8 no.5:3-4 '55. (MLRA 9:1)

1.Arkhangel'skiy gidroliznyy zavod (for Yershev, Sharevskaya, Kotrekhoval, Yur'yev, Savinykh). 2.Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy issul'fitno-spirovoy promyshlennosti (for Grinshteyn).

(Distillation) (Alcohol)

SAVINYKH, Ye.A.

Experience with using horizontal percolation. Gidroliz. i lesokhim.
prom. 8 no.6:20-21 '55. (MIRA 9:1)

1.Sotrudnik varshchik Arkhangel'skogo gidroliznogo zavoda.
(Hydrolysis)

FEL'DMAN, M.P.; SAVINYKH, Ye.N.

Machine for cutting off billets with a diameter up to 52 mm.
Mashinostroenie no.1:101 Ja-F '62. (MIRA 15:2)
(Cutting machines)

FEL'DMAN, M.P.; SAVINYKH, Ye.N.

Machine for milling two flats on fixture parts. Mashinostroenie
no.1:102 Ja-F '62. (MIRA 15:2)

(Milling machines)

FEL'DMAN, M.P.; SAVINYKH, Ye.N.

Device for milling wooden wedges. Mashinostroenie no.1:101-102
Ja-F '62. (MIRA 15:2)

(Woodworking machinery)

SAVISAAR, J.

V-4

ESTHONIA/Human and Animal Physiology - Blood.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3855

Author : J. Savisaar

Inst : Tartu University

Title : Changes in the White Blood Cell Count in 24 Hours.

Orig Pub : Uch. zap. Tartusk. un-ta, 1956, issue 40, 117-127

Abstract : The absolute leukocyte count as well as the leukogram of the peripheral blood may show great variations in the course of 24 hours, especially in people with a labile vegetative nervous system. These variations do not follow any strict laws, as bone marrow and peripheral blood are subjected to extero- and interoceptive influences. The two-phase digestion leukocytosis is typical: the first and relatively long-lasting phase is mostly characterized by neutrophilia; the number

Card 1/2

SAVISHCHENKO, A.V.; ZABOTIN, M.P.

Form for making joints in casting concrete ventilating blocks. Rats. i
izobr. predl. v stroi. no.91:18-19 '54. (MIRA 8:8)

1. Otdel izobretatel'stva i ratsionalizatsii Ministerstva stroitel'stva.
(Concrete construction--Formwork)

68

AUTHOR: Savishchenko, V.M.

TITLE: The Mechanisation of Hand Operations in the Manufacture
of Gear Wheels (Mekhanizatsiya ruchnykh operatsiy
pri izgotovlenii zubchatykh koles)

PERIODICAL: Stanki i Instrument, 1957, No. 1, p. 37. (U.S.S.R.).

ABSTRACT: The description of the operation is accompanied
by 1 diagram.

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

SAVISHCHENKO, V.M.

Chucks with chip breakers used in boring cylindrical holes. Stan.
i instr. 29 no.2:39 F '58. (MIRA 11:3)

(Chucks)

ACC NR: AP0019899 (N) EWP(k)/EWP(h)/EWP(v)/EWP(t)/ETI/EWP(1) IJP(c)
 HW/JD
 AUTHOR: Savishchenko, V. M. (Aspirant) SOURCE CODE: UR/0145/65/000/012/0106/0111
 ORG: None
 TITLE: Smoothing the internal surface of electrically welded pipe seams with a vibrating flattener
 SOURCE: IVUZ. Mashinostroyeniye, no. 12, 1965, 106-111
 TOPIC TAGS: pipe, surface finishing, butt welding, seam welding, finishing machine
 ABSTRACT: The author presents data on the location of the flattener with respect to the welding zone, and gives experimental verification of methods proposed in a previous article on calculating the work done by a vibrating flattener. Industrial experience has shown that the use of this type of flattener is the most efficient method for finishing the surfaces of electrically welded tubes having a diameter of 40 mm or less. This method of finishing is used at the mill where there is excess metal at the seam during butt welding. Temperature measurements of the seam metal inside the moving tube were taken at 10, 50, 80, 120 and 170 mm from the welding zone during production at welding speeds of 18, 25 and 40 m/min. Each set of ten measurements was averaged and the value recorded in the final data. The results show that the gradient of temperature decrease of the welded seam is greatest where the rate of welding is 18 m/min, and

40
38
B

UDC: 621.791.762

Card 1/2

SAVISHCHENKO, V.M., inzh.; BERSALOV, V.C., k. nd. tekhn. nauk

Orientation of parts by the "search method" in automatic
assembly. Vest. mashinost. 49 no.5:48-50 May '66. (MIRA 13:6)

ACC NR: AP6018263 (N) SOURCE CODE: UR/0133/66/000/002/0163/0167

AUTHORS: Savishchenko, V. M. (Engineer); Proskuryakov, Yu. G. (Professor, Doctor of technical sciences)

ORG: none

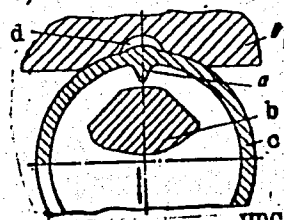
TITLE: The calculation and design of vibrational installations for the elimination of internal burr in electrically welded pipes

SOURCE: Stal', no. 2, 1966, 163-167

TOPIC TAGS: pipe, metal turning, metal cutting machine tool, weld defect, welding technology

ABSTRACT: A vibrational installation was developed at the Pipe Rolling Plant, Chelyabinsk (Truboprokatnyy zavod) and is presented, which successfully eliminates the internal burr from electrically welded pipes (see Fig. 1).

Fig. 1. Schematic of the vibrational installation for the removal of internal burr. a - burr; b - burr-removing block; c - pipe; d - channel for removal of burr.



UDC: 621.774.2

Card 1/3

ACC NR: AP6018263

A theoretical discussion of the necessary conditions for the removal of the internal burr is presented in

$$A_d = m \left[p_{sp} ab h_0 \left(\ln \frac{h_0}{h_0 - \Delta h_0} - \frac{\Delta h_0}{h_0} \right) + k l_0^2 (a + b) \right],$$

$$p_{sp} = k \left(1 + 0,5 \frac{b}{h_0} + 0,125 \frac{b + h_0}{a} \right);$$

$$\Delta h_0 = h_0 \cdot \frac{\frac{k l_0 (a + b)}{p_{sp} ab}}{1 + \frac{k l_0 (a + b)}{p_{sp} ab}};$$

$$h_0 = \frac{h}{\cos \alpha} \text{ и } l_0 = \frac{l}{\cos \alpha};$$

$$\alpha = \arctg \frac{v}{2 \pi H_0};$$

where A_d is the deformation work, m - the dynamic coefficient, α - angle between the vertical and direction of burr deformation, H_1 - amplitude of burr-removing block, a - the ratio of welding rate to the frequency (ω) of the burr-removing block, and k - 1.15 Gs. The spring stiffness and the calculated amplitude and velocity before and after impact were calculated after (Sb. Issledovaniye i raschet udarnykh mekhanizmov

Card 2/3

ACC NR: AP6018263

(Trudy Vsesoyuznogo n-i. in-ta stroitel'nogo i dorozhnogo mashinostroyeniya, vyp. XXX), M., 1961, str. 3--29). It was found that the installation could be used at any distance from the point of welding and that removal of the internal burr does not decrease the mechanical strength of the pipes. Orig. art. has: 5 graphs and 19 equations.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 003

Card 3/3

L 63198-65 EWP(k)/EWA(c)/EWT(m)/EWP(b)/T/EWP(v)/EWP(t) JD/HM
ACCESSION NR: AP5018458

UR/0117/65/000/007/0020/0020 27
621.919-473 24
81

AUTHORS: Proskuryakov, Yu. G. (Doctor of technical sciences); Savishchenko, V. M. 44,55

TITLE: A broach for finishing the inner surface of welded pipes 18 18

SOURCE: Mashinostroitel', no. 7, 1965, 20

TOPIC TAGS: metal working, metal removal, broach

ABSTRACT: A tool is described for removal of the burr produced by electrical resistance welding on the inner surface of pipes. It consists of two major parts. Part 1 (shown on Fig's. 1 and 2 on the Enclosure) is equipped with a series of cutters 13 and with guiding elements 10 and 11. Part 2 maintains a pressure on part 1, which is required for the cutting operation. Figure 1 shows Part 2 in the shape of a wedge actuated by coil spring 3 through rod 4. The wedge angle δ must be larger than the friction angle to preclude the binding of the tool in the pipe. The tension T of spring 3 can be calculated from:

$$T = kP_x(f_1 L f_1 \cos^2 \delta + \sin \delta \cos \delta),$$

where P_x is the required pressure determined by conventional methods; f_1 -

Card 1/4

L 63198-65

ACCESSION NR: AP5018458

coefficient of friction between Part 1 and Part 2; f_2 - coefficient of friction between Part 2 and the pipe; δ (delta) - wedge angle $10^\circ - 15^\circ$; k - safety factor of 2.5-3.0. Figure 2 shows a design variation with a semicircular cross section of Part 2. The pressure on cutters is effected by a flat spring 6. This pressure can be calculated from:

$$T = kP_x,$$

where safety factor k is 5-10. The longitudinal grooves 14 serve to remove the metal shavings, and the hole 15 is for the pressurized cooling and lubricating fluid. The tool has been tested on 40- and 28-mm diameter pipes with lengths up to 6 m. Orig. art. has: 2 figures and 2 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENGL: 02

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 2/4

L 63198-65

ACCESSION NR: AP5018458

ENCLOSURE: 01

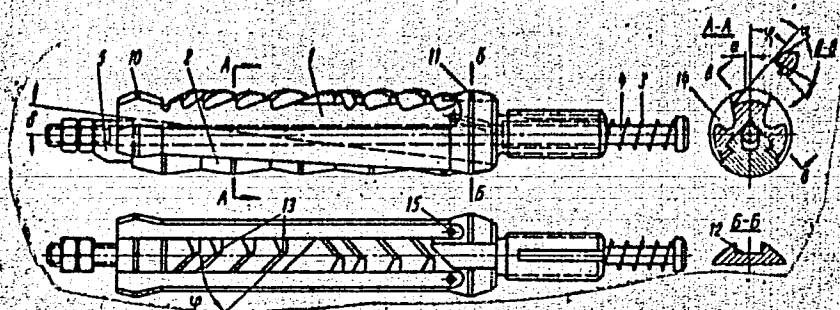


Fig. 1.

Card 3/4

L 63198-65

ACCESSION NR: AP5018458

ENCLOSURE: 02

3

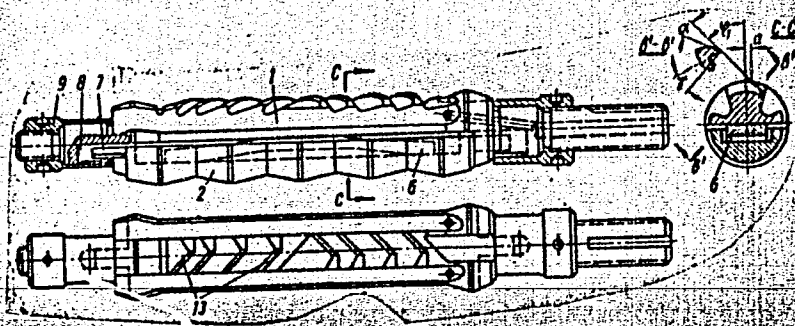


Fig. 2.

Broaching 18,44,55

Card 4/4

Savishkina, G.P.

The maximum concentration of stable intermediates of complex chain reactions. N. S. Baulokopyan, O. V. Kornilov, and G. P. Savishkina. *Zhur. Fiz. Khim.* 31, 606-70 (1957).—In a complex chain reaction that proceeds in several stages with the production of intermediate stable products, a proportionality was found between all the active centers: $n_i = a_i m$, where a_i depends only on the velocity const. of the elementary chain processes and the concn. of the stable intermediates, and does not depend on the rate of generation of active centers, w , the degenerated branching, a , or a loss of active centers, g . Two special cases are discussed: (a) when the active center that is spontaneously produced or formed during the degenerated branching is the slow process; and (b) when an active center is rapidly degenerated, and the proportionality applies only to long chains. When the stable intermediate is generated and used up in a chain reaction, its max. concn. is independent of the active center concn., i.e. independent of w , a , and g . With CH_4 oxidation as an example of a reaction progressing by complex mechanism, the max. concn. of the stable intermediates is independent of the inert gas concn., the diam. of the reaction vessel, the treatment of the vessel walls, and the concn. of the active centers (NO_2), but does depend greatly on the temp.

W. M. Sternberg

L 22136-65 EWT(1)/EEC(b)-2/EWA(h) Pub ESD(dp)

ACCESSION NR: AP5001740

S/0302/64/000/004/0034/0035

AUTHOR: Savis'ko, P. A.

TITLE: Lower-frequency parametrons 75

9
B

SOURCE: Avtomatika i priborostroyeniye, no. 4, 1964, 34-35

TOPIC TAGS: parametron

ABSTRACT: For telegraph systems, industrial automation, etc., a lower-frequency (2-40 kc) parametron has been developed which is based on two manganese-zinc ferrite cores, each carrying two windings. Technical data for an 8-kc parametron designed with Soviet components is given. An experimental characteristic measured at 10 kc with a modulation of 40% exhibits a considerable hysteresis loop. Duffing's method is recommended to mathematically describe the processes in such a parametron. Orig. art. has: 3 figures and 2 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 000

Card 1/1

L 34824-65 EWT(1)/ IJP(c)
ACCESSION NR: AP5007468

S/0286/65/000/004/0085/0085

AUTHORS: Savis'ko, P. A.; Prusakov, N. Z.; Chernyshev, Yu. I.

15
B

TITLE: Control device for electroluminescence cells. Class 42, No. 168527

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 85

TOPIC TAGS: electroluminescence control

ABSTRACT: This Author Certificate presents a control device for electroluminescence cells, containing an electroluminescent element. The element is connected to the secondary of a transformer whose primary is connected to the output of the control device. To increase the reliability of information storage and element selection, the device is made of a tristable inductive parametron. A coupling transformer with three control coils is connected in series in the output circuit of the parametron (see Fig. 1 on the Enclosure). Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 28Mar64

ENCL: 01

SUB CODE: OP, EC

NO REF SOV: 000

OTHER: 000

Card 1/2

ACC NR: AT6028994

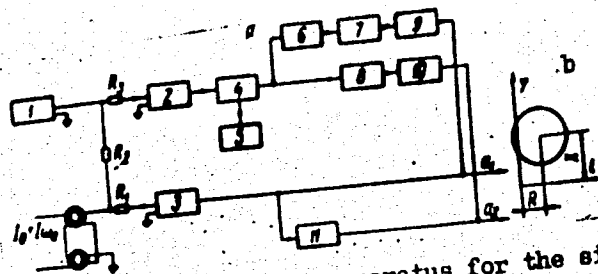


Fig. 1. Block-scheme of the apparatus for the simultaneous determination of the required characteristics of parametron
a: 1 - signal generator, 2 - mixer, 3 - gated amplifiers;
4 - mixer, 5 - heterodyne, 6 - phase inverter, 7, 8 -
multiplying schemes, 9, 10 - dc current amplifiers, 11 -
phase inverter, b - voltage oscillogram

Orig. art. has: 3 tables, 9 graphs, and 5 equations.

SUB CODE: 09, 11/ SUBM DATE: 22Dec65/ ORIG REF: 005
20

Card 2/2

SAVIS'KO, P.A.

Use of parametrons in indicator systems. Avtom. i prib.
no.1:35-37 Ja-Mr '65. (MIRA 18:8)

SOURCE CODE: UR/0271/66/000/006/B049/B049

AUTHOR: Buzunov, Yu. A.; Savis'ko, P. A.

TITLE: The use of asynchronous tristable parametrons in computer technology

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6B369

REF SOURCE: Sb. Vopr. teorii elektron. tsifrovyykh matem. mashin. Vyp. 8. Kiyev, 1965, 20-33

TOPIC TAGS: electron computer, computer component, computer switching, computer reliability, parametron

ABSTRACT: Basic relations are derived for inductive parametrons, and the following difficulties are noted in utilizing bistable parametrons: 1) 3-4 parametrons are required for a single trigger, 2) a one-cycle delay because the bistable parametrons are related to synchronous elements, and 3) stable characteristics are rigidly demanded as a result of which the number of inputs must be limited to 3-4. Most of the above shortcomings can be eliminated by using parametrons operating under the rigid conditions to represent 0's and 1's. It is also noted that the possibility of using a tristable parametron depends not only on the presence of a stable point but also on a simple and reliable control of its state. Methods of controlling the state of a tristable parametron are described. Tristable parametrons are studied at excitation frequencies extending from 1 kc into Mc units; they require 10-20 mw at 0-100 kc,

UDC: 681.142.67:621.385

Card 1/2

parametrons are con-

ACC NR: AR6029300

SOURCE CODE: UR/0271/66/000/006/B046/B040

AUTHOR: Yesipenko, V. D.; Savis'ko, P. A.; Gul'ko, I. F.; Zhelnitskiy, A. I.

TITLE: Some results of experiments with electroluminescent data display systems

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6B348

REF SOURCE: Sb. Fiz.-tekhnol. vopr. kibernet. Seminar. Vyp. 1. Kiyev, 1965, 55-75

TOPIC TAGS: electric device, data readout, real time data display

ABSTRACT: The merits of this type of data display are noted. Parametrons are used in the control circuit of the data display unit. On the basis of the experimental results obtained the following conclusions are made: 1) such a display unit can operate successfully at an excitation frequency up to 10 kc, 2) an increase in the frequency makes it possible to reduce the electric field strength in order to obtain the same brightness, 3) with an increase in the frequency the brightness sensitivity to supply voltage also increases, 4) a sharp decrease in brightness in the initial periods of operation requires a preliminary conditioning of the display units, and 5) under conditions of constant brightness the operation of the display units is considered optimum. [Translation of abstract] 10 illustrations and bibliography of 9 titles.

A. F.

SUB CODE: 09

UDC: 681.142.623

Card 1/1

ACC NR: AR6029301

SOURCE CODE: UR/0271/66/000/006/BU40/BU40

AUTHOR: Savis'ko, P. A.; Buzunov, Yu. A.

TITLE: The use of tristable parametrons in electroluminescent data display systems

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 6B350

REF SOURCE: Sb. Fiz.-tekhnol. vopr. kibernet. Seminar. Vyp. 1. Kiyev, 1965, 76-95

TOPIC TAGS: electron computer, data readout, real time data display, computer component, electroluminescence, parametron

ABSTRACT: The functional circuit of a data readout device is described, including its basic elements, their designations as well as requirements imposed on them. It is shown that the control of electroluminescent data display devices requires a large number of memory elements. The possibility of using inductive parametrons for this purpose is indicated. A preference is expressed for a tristable parametron. The amplitude of steady-state current is determined as a function of the basic parametron parameters. A control circuit is presented consisting of eight tristable parametrons. [Translation of abstract] 8 illustrations and bibliography of 3 titles. V. S.

SUB CODE: 09

UDC: 681.142.623

Card 1/1

L 7788-66 EWT(d)/FSS-2/EWT(1)/EWA(h)

ACC NR: AP5022963

SOURCE CODE: UR/0256/65/000/006/0067/0070

AUTHOR: Tsarev, P. K. (Engineer, Colonel); Savis'ko, P. A. (Senior engineer, Lieutenant)

ORG: None

TITLE: Aerial situation representation panel

SOURCE: Vestnik protivovozdushnoy oborony, no. 6, 1965, 67-70

TOPIC TAGS: parametron, air defense system, control panel, computer application

ABSTRACT: Air defense units can accomplish successfully their missions only if there is always a clear picture of the instantaneous aerial situation. There exist numerous control schemes using luminescent panels. The authors report on a new control device built with parametrons which has very high reliability, long lifetime, low required power, and an insignificant sensitivity to external conditions and perturbations. Furthermore, the panel is inexpensive to make. The article (1) describes the design and operation of parametrons; (2) describes the computer device which accepts coded messages from ST-35 telegraph devices; (3) discusses the operation of the receiving registers, each of which can choose among 784 panel locations and flash at each location one of the 0 to 9 digits; the code decipherer converts the incoming code into a combination of electroluminophore sectors; and (4) outlines the design and composition of the cell control circuits (made of address parametrons, buffer

Card 1/2

L 7788-66

ACC NR: AP5022963

parametrons, current amplifiers, and terminal memory parametrons) and of a simple displaced pulse generator. Orig. art. has: 5 figures and 1 table.

SUB CODE: DC, EC, MS / SUBM DATE: none

DW

Card 2/2

S/169/62/000/006/064/093
D228/D304

35800

AUTHOR: Saviskovskiy, I. A.

TITLE: Results of field tests of the M-53(M-53) polarization visibility meter

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 6, 1962, 27-28, abstract 6B193 (Tr. N.-i. in-ta gidrometeorol. pri-borostr., no. 10, 1961, 17-28)

TEXT: On the grounds of the data of field tests the author makes the following recommendations in relation to the application of the M-53 visibility meter: The visibility range can be measured by the method of photometric comparison or relative brightness during daylight and by the method of photometric comparison during the hours of darkness; the photometric comparison method gives the least error. In addition, recommendations are given for choosing objects in a locality and for setting up the instrument. [Abstrac-
ter's note: Complete translation.]

VB

Card 1/1

Summary, ...

Some aspects and observations regarding the structure of raw material during the present stage of development of power production, the formula 14 no. 1:27-30 Jan '53.

SAVITCHI, R.

Effect of forests on the stock of fish in mountain waters. p. 545.

Vol. 70, no. 11, Nov. 1955
REVISTA PADURILOR
Bucuresti, Rumania

Source: East European Accession List. Library of Congress.
Vol. 5, No. 8, August 1956

SAVITSKAS, I. K.:

SAVITSKAS, I. K.: "Limestone from the basin of the Shventoy River as material for liming soil." Min Higher Education. Lithuanian Agricultural Academy. Kaunas, 1956.
(Dissertation for the Degree of Candidate in Agricultural Science)

So. Knizhnaya Letopis', No. 18, 1956

SAVITSEV, P.A.; NAUMOV, A.F.

Anisotropy of the fusing of α -nitrophenol in saturated camphor
vapors. Rost krist. 4:45-47 '61. (MirA 17:8)

SAVITSKAS

I. K.

15-57-8

Translation from: Referativnyy' zhurnal, Geologiya, 1957, Nr 5,
p 129 (USSR)

AUTHOR: Savitskas, I. K.

TITLE: Fresh-Water Limestones in the Basin of the Shventoi
River as Material for Calcification of Soils (Presno-
vodnyye izvestnyaki basseyna reki Shventoi, kak
material dlya izvestkovaniya pochv) Author's abstract
of his dissertation for the degree of Candidate of
Agricultural Sciences, presented to the Lit. s.-kh.
akad. (Lithuanian Agricultural Academy), Kaunas, 1956.

ABSTRACT: About one third of all the cultivated land in Lithuania
consists of acid soils. Calcifying them is consequently
a very essential measure. Investigations by the author
in the basin of the Shventoi river have shown reserves
of fresh-water limestones, which contain four times the
amount of calcareous material necessary to condition
all the acid soils in the ten administrative districts
occurring in the investigated region. Two genetic
types are distinguished in these limestones: deposits

Card 1/2

J

Country : USSR
 Category : Soil Science. Mineral Fertilizers.
 Abs. Jour. : 53412
 Author : Katsas, M.; Savitskas, J.; Mayauskas, K.
 Institut. : Lithuanian Sci. Res. Inst. for Agriculture
 Title : Certain Methods for Correct and Rational Liming
 in the Lithuanian SSR
 Orig. Pub. : Tr. Lit. n.-i. in-ta zemled., 1957, 3, 81-118
 Abstract : Based on a survey of all available material on
 soil liming in the Lithuanian SSR, it is recom-
 mended that lime fertilizers be applied to sand
 and loam soils at the rate of 0.5 and to clay
 at the rate of 0.75 of the normal dose as deter-
 mined by hydrolytic acidity. Soils with <5.0
 pH should be limed first, while refraining from
 liming less acid sandy soils. A table is given
 to evaluate the soils of this republic in accor-
 dance with liming needs. Liming doses are also
 Card: 1/2

SAVITSKAYA, A.B.

Results of using nicotinic acid in schizophrenia patients with
speech disorders. Vop.klin. patog. i lech. shiz. no.1:123-125
'64. (MIRA 18:5)

1. Otdel shizofrenii (zav. - prof. L.I.Rokhlin) Gosudarstvennogo
nauchno-issledovatel'skogo Instituta psikiatrii Ministerstva
zdravookhraneniya RSFSR.

SAVITSKAYA, A.B.

Reversibility of speech disorders in late stages of schizophrenia.
Trudy Gos. nauch.-issl. inst. psikh. 43:139-148 '65. (MIRA 18:9)

1. Klinika shizofrenii (zav. - prof. L.L.Rokhlin) i Laboratoriya
eksperimental'noy patopsikhologii (zaveduyushchaya - prof. B.V.
Zeygarnik) Gosudarstvennogo nauchno-issledovatel'skogo instituta
psikhiatrii, Moskva.

SAVITSKAYA, A.B., aspirant

Clinicopathophysiological indices of the state of the basic nervous processes during the course of aminazine treatment in schizophrenics. Trudy Khar. med. inst. no.50:193-202 '62.
(MIRA 12:1)

1. Kafedra psikhiiatrii (zav. - prof. N.P.Tatarenko) Khar'kovskogo meditsinskogo instituta.

PRIKHOD'KO, V.N.; SAVITSKAYA, A.N.

Determination of the tendency of 18-8 type steels toward
intercrystallite corrosion by the internal friction method.
Izv. vys. ucheb. zav.; Chern. met. 4 no.11:185-192 '61.

(MIRA 14:12)

1. Nauchno-issledovatel'skiy institut khimicheskogo
mashinostroyeniya.

(Steel alloys--Corrosion)
(Internal friction)

18 8300

33171
S/148/61/000/011/017/018
EO21/E435

AUTHORS: Prikhod'ko, V.N., Savitskaya, A.N.
TITLE: Determination of the tendency of the 18-8 type steels to intercrystalline corrosion by the internal friction method

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, no.11, 1961, 185-192

TEXT: Earlier investigations by various authors showed that internal friction measurements enabled the kinetics of intercrystalline corrosion of 18-8 stainless steels to be determined. The present work was designed to see if internal friction measurements would show the tendency of 18-8 steels to intercrystalline corrosion. Internal friction was measured by the method of free torsional vibrations in the range 20 to 800°C with frequencies of the order of 0.6 cps. Specimens with 0.7 mm diameter and 300 mm length were used. Two steels were used: 0X18N9 (OKh18N9) - 0.07% C, 0.22% Si, 1.84% Mn, 0.055% P, 19.30% Cr, 8.53% Ni; and 1X18N9T (1Kh18N9T) - 0.08% C, 0.69% Si, 0.47% Mn, 0.011% S, 0.029% P, 21.34% Cr, 9.42% Ni and 0.34% Ti. Internal friction - temperature curves showed that for both steels

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Determination of the tendency ...

there was a small peak in the region 380 to 440°C although otherwise the increase was only slight up to 450°C; at temperatures above 450°C there was a considerable increase in internal friction. Tempering at 650°C (which results in precipitation of carbides in the grain boundaries) causes the marked increase in internal friction to begin at a lower temperature and gives a greater increase in internal friction with increase in temperature. The tempering treatment also increases the tendency to intercrystalline corrosion. A coarser grain size causes the increase to begin at a higher temperature. Internal friction - time curves at constant temperature were also drawn. If samples quenched from 1050°C were held at 650°C, there was an increase in internal friction with time. If the sample was first subjected to a stabilizing treatment at 870°C, there was no increase with time held at 650°C but the level of internal friction was much higher. Thus, it is proposed that the reason for the appearance of the tendency to intercrystalline corrosion of 18-8 steels is the formation of stresses during the precipitation of carbide phase at the grain boundaries. Tests were carried out in boiling standard sulphuric acid solution.

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Metallographic examination showed that the depth of intergranular corrosion was higher in the samples which showed the greatest increase in the internal friction - temperature curve. Thus, the method of internal friction can be effectively used in the study of structural changes in chrome-nickel steels which bring about a tendency to intercrystalline corrosion of the steels. There are 6 figures and 10 references: 8 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: Nauchno-issledovatel'skiy institut khimicheskogo mashinostroyeniya (Scientific Research Institute of Chemical Machinery)

SUBMITTED: December 31, 1960

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SAVITSKAYA, E. K.

USSR/Medicine - Dysentery

"The Antiphage Properties of the Bactoagar Zh Nutrient Medium," E. K. Savitskaya,

Ukr Inst of Epid and Microbiol, Khar'kov

Zhur Mikro, Epid, i Immun, No 7 pp 71-72

The results obtained indicate that the strong proliferation of dysentery microbes on Bactoagar Zh is due not only to suppression of saprophytes, but also to suppression of dysentery bacteriophage.

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AVTONOMOVA, L.V.; BEREZUB, L.G.; GOL'DENBERG, R.A.; BELAYA, O.S.;
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Study of efficacy of the enteral immunization against dysentery. Authors'
abstract. Zhur.mikrobiol.epid.i immun. no.8:27 Ag '53. (MLRA 6:11)

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